

METHODS AND APPARATUS FOR CREATING DERIVATIVES OF
HDL WITH REDUCED LIPID CONTENT

ABSTRACT

5 The present invention is directed to systems, apparatus and methods
for creating derivatives of at least one form of HDL without substantially
affecting LDL. These derivatives of HDL are particles with reduced lipid
content, particularly reduced cholesterol content. These particles have the
capacity to bind cholesterol and are administered to a patient to enhance
10 cellular cholesterol efflux and reduce cholesterol levels in cells, tissues,
organs, and blood vessels. The present method is useful for treating
atherogenic vascular disease and may be combined with other therapies such
as statins, inhibitors of cholesterol absorption, niacin, anti-inflammatories,
exercise and dietary restriction.

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